

Date: Sun, 24 Jul 94 04:30:17 PDT  
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>  
Errors-To: Ham-Equip-Errors@UCSD.Edu  
Reply-To: Ham-Equip@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Equip Digest V94 #250  
To: Ham-Equip

Ham-Equip Digest                      Sun, 24 Jul 94                      Volume 94 : Issue    250

Today's Topics:

Icom 735 key clicks  
Kenwood 733A - INFO  
Mac Ham Software  
Marine HF Transceiver Mods

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>  
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Sun, 24 Jul 1994 09:55:52 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!  
dhb@network.ucsd.edu  
Subject: Icom 735 key clicks  
To: ham-equip@ucsd.edu

My Icom 735 is generating key clicks when I operate in CW. Scoping the  
output reveals that the carrier turn-on is less than 1 ms, with turn-off  
around 2.5 ms. The turn-on is clearly too fast.

Checking the schematic, I see two RC networks in the keying chain, but both  
appear to shape carrier turnoff; key-down seems to ripple right through. Am  
I missing something here?

If anyone has encountered and resolved this problem, or has first-hand  
knowledge of the 735's key shaping circuitry, I'd appreciate an email message  
to dhb@netcom.com.

Thanks,

Dave, AA6YQ

Date: Sun, 24 Jul 94 04:09:00 -0700  
From: ihnp4.ucsd.edu!agate!iat.holonet.net!cantina!dan.pipes@network.ucsd.edu  
Subject: Kenwood 733A - INFO  
To: ham-equip@ucsd.edu

Anyone have any mods and/or info for the new Kenwood 733A? I would also like to know how to do the crossband repeat..  
thanks Dan WB9TEV

```
*****
* Dan Pipes                EMAIL: dan.pipes@cantina.com      (direct) *
* Amateur Radio Call - WB9TEV      74731,3045@compuserve.com (C'serve) *
*****
```

\* RM 1.4 B0136 \* Beta testers do it first!

Date: Sun, 24 Jul 1994 08:35:28 GMT  
From: ihnp4.ucsd.edu!swrinde!pipex!demon!news@network.ucsd.edu  
Subject: Mac Ham Software  
To: ham-equip@ucsd.edu

Following software now available from

ftp.demon.co.uk /pub/ham/mac

# INDEX OF MACINTOSH AMATEUR RADIO SOFTWARE

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ANT RAD PLOT.sea  
2K Basic programme plots vertical radiation pattern for dipoles at any given height.

BROADCAST v2.0.sea  
150K Packet program for use with PACSATs.

CODEMASTER v1.34.sea

27K CodeMaster 1.34 - demo version of CodeMaster 2.34 - morse code and ham theory test application. This version is somewhat functional.

CONTEST DUPER v5.1.sea

70K Checks your contest log for duplicate entries.

CW CHART.sea

3K Copied from Usenet - a morse code (CW) tree chart.

DXCC by Callsign.sea

30K DA which lists all the DXCC countries in order of callsign.

DXCC by Country.sea

30K DA which lists all the DXCC countries.

EZ DOVE v.002.sea

55K EZ Dove decoder (v.002). Appl and Basic source, decodes Dove telemetry data.de N5K0B.

GRID 1.0.sea

9K Converts longitude/latitude to grid QTH

HF PACK TUTOR.sea

9K Tutorial on HF packet radio - interesting

HAM ART.sea

11K Assorted ham related artwork. ARRL and AR TIFF logo, IC-735 front(MCDW)

ICOM & MACS.sea

1K Info for Mac & ICOM owners looking for software to link'em

IM/Mac v1.0b27z.sea

200K SMTP mailer for use with NET/MAC.

KISS\_TLM.sea

50K For decoding KISS data from MICROSATs.

MacContest 4.0.sea

300K The ultimate contest logging program for the Macintosh.

MacContest is free but must be personalized to each user

(otherwise it's limited to 50 contacts). To get a copy send a 3.5" diskette and a SASE to Gerald Eberle, HB9CEY, PO Box 13, CH-4417 Ziefen, Switzerland. Moritz (HB9BLZ) can act as a message forwarder for Gerald. Moritz' e-mail address is: gysslerm@saturn.kau.roche.com

MACMORSE v0.2.sea

30K Another program to learn morse code

MACMININEC v3.13.sea

250K For analyzing antenna designs, including dipoles, beams, etc etc.

MORSEMAC DA v2.0.sea

17K A program to learn Morse code . It sounds a preset number of characters randomly chosen. it contains an XCMD written by LX1YZ

MORSE v1.3.sea

20K Morse tutor up to 25wpm, very good.

MAC SHORTWAVE v1.sea

90K Shortwave propagation predictor.

NET/MacStartersKit.sea

500K A complete starters kit for the Mac user interested in trying TCP/IP. Includes everything that you will need to get going.

NET/Mac v2.3.39.sea

500K This is a version of TCP/IP. Will allow you to use AX25, NETROM, FTP, TELNET and SMTP with packet radio

ORBITTRACK (2 versions)

514K This is one of the best Shareware programmes I have ever seen. If you are interested

in tracking sats you need this. Comes in two versions, one for use with Macs that have a FPU

processor installed and one which will run without a FPU for those that don't.

PACKET(1-18).sea

43K Introduction to packet radio - Parts 1 thr 18 by Larry Kenney, WB9LOZ

PacketTracker 1.04.sea

110K PacketTracker ver 1.04 is a program that monitors packet activity and keeps track of what is going on. It draws a graphical map showing who is talking to who and displays statistics of all current stations and keeps a running tally of activity.

NOTE: This application requires the Apple's Serial Tool from the Communications Toolbox System 7

PROJECTMAC A1.sea

105K ARRL's Project Mac software - part A1 (These are looking a bit old now)

PROJECTMAC A2.sea

118K ARRL's Project Mac software - part A2 (These are looking a bit old now)

PROJECTMAC B1.sea

103K ARRL's Project Mac software - part B1 (These are looking a bit old now)

#### PROJECTMAC B2.sea

107K ARRL's Project Mac software - part B2 (These are looking a bit old now)

#### QUICKTERM.sea

Another of Gerald Eberle, HB9CEY contest/dx programmes. This one is a AX25 terminal programme for use with the DX cluster, will "ANNOUNCE", DX spots (using MacInTalk), when they arrive at the cluster.

#### RADFAX 09.sea

173K WEFAX programme that uses the mic input on new Mac. No other hardware required, just plug output from HF rig into Mac mic socket and away you go.

#### SAVANT 1.0.2 Demo

185K AX25 packet terminal programme that will work with SoftKISS, in other words it will allow you to run a Baycom modem on the Mac. This is now a commercial programme but the demo version will let you set it up, send a limited number of frames and see it working etc etc.

#### SoftKISS 1.8.sea

This will allow the use of dumb modems with the Mac, ie the BayCom series of kits.

#### STARTING IP v3.0.1.sea

14K The Getting Started with (Mac) TCP/IP text file for beginners

#### SUNTIMER.sea

130K One of Gerald Eberle, HB9CEY contest/dx programmes. Shows Grayline on world map, distance, bearing, DXCC callsign lookup table, very very nice programme.

#### TALKTERM 1.1.sea

50K For use with DX clusters. If used along with MacinTalk it will announce DX spots as they arrive on the cluster.

#### Various Logs.sea

200K Includes,

FileMaker Log, 5K FileMaker IV document will provide excellent general logging.

HamLogger, 10K HC stack for logging ham contacts - very nice.

Logging Stacks UK, 100K Keeps all sorts of logs. From contest, to local directory.

Logging Stacks USA, Same as above but with USA bandplans.

MacLogger, Very nice programme for checking contest entries.

SWL Logger Stack.

#### Virtuoso v1.4.sea

68K A very nice standalone packet terminal programme for use with any TNC

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## HYPERCARD STACKS.

### Advanced 2.2.sea

132K HC stack - Ham advanced test.

### CHESS-STACK.sea

143K Yep, someone had to do it. HyperCard stack that will allow two Macs to play chess via packet radio.

### DXMAP v1.1.sea

150K Shows grayline in real time, also has a data base of all callsigns and will show location and bearing from your QTH on world map. Very nice. Can only be used with version 2 or higher of Hypercard.

### Extra 2.2.sea

127K HC stack - Ham extra test.

### FreqValet Demo version.

203K Provides frequencies and DX program info for shortwave radio listeners. The program databases update automatically at 15, 30, or 60 minute intervals, thus providing a continuous display of broadcasts on-the-air at any given time in a spreadsheet like format. Features include sorting of data, scanning, and on-screen changing of databases. Computer control modules are available at extra cost for the Drake R8, Kenwood R-5000, JRC NRD-525 and NRD-535 receivers.

### General 2.2.sea

93K HC stack - Ham general test.

### GRAYLINE.MAC.sea

70K HC Shows world grayline in real time.

### HyperFT747GX v1.1.sea

250K HyperCard that will allow you to control your Yaesu FT-747 via the RS232 interface. This stack should be pretty easy to modify to work with other transceivers. It also now comes in a coloured version

### NOVICE 3.2.sea

128K HC stack - Ham novice test.

### SSB.sea

500k With this one you can record your own voice, using MacRecorder or similar and then at the click of a mouse call CQ, QRZ, etc etc.

Tech 3.3.sea  
108K HC stack - Ham tech test.

Trans.Stk v1.0.sea  
32K A stack I made for transmission lines, giving attenuation, SWR, etc

Logging Stacks USA, Same as above but with USA bandplans.  
MacLogger, Very nice programme for checking contest entries.  
SWL Logger Stack.

KQI Control v1.sea  
53K Hypercard stack that will allow you to control a Kenwood TS-940S via  
it's RS-232 interface. However the author feels that it should work with most  
of the Kenwood range of transceivers.

Macnet rouser v 631  
Worldwide database of Ham Macintosh users.

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Mac To PC.

ZIP.sea  
Will allow ZIP or PKZIP files to be exchanged between Macs and PCs.

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Date: 24 Jul 1994 08:33:14 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!newsserver.jvnc.net!  
raffles.technet.sg!solomon.technet.sg!nunas@network.ucsd.edu  
Subject: Marine HF Transceiver Mods  
To: ham-equip@ucsd.edu

Jim Swenson (newmedia@teleport.com) wrote:  
: Are there legal modifications that can be made to use modern ham transceivers  
: for commercial marine (i.e. SSB offshore) use. I'm talking licensed  
: operation of both vessels and private coast stations (FCC part 80).  
: Frequencies typically are: 4146, 6224, 8294, 12353, 16528, 18840, 22159,  
: 25115.

No! Amateur radioos are not type approved by the FCC for commercial  
service. As well, most countries have similar rules. Now, if you want  
to use them illegally . . . ;->

<snip>

Maurice  
from the land of endless summer

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End of Ham-Equip Digest V94 #250

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